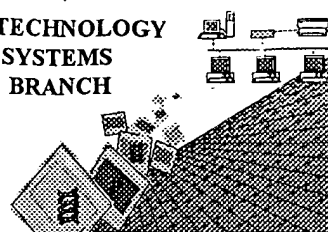


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/920,306A  
Source: O/E  
Date Processed by STIC: 10/29/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/2003



OIKE

## RAW SEQUENCE LISTING

DATE: 10/27/2003

PATENT APPLICATION: US/09/920,306A

TIME: 09:17:05

Input Set : A:\imin34.txt

Output Set: N:\CRF4\10272003\I920306A.raw

3 <110> APPLICANT: Badley, Robert  
 4 Berry, Mark  
 5 Williams, Samantha  
 7 <120> TITLE OF INVENTION: Peptides Capable of Functioning as Mimotopes for Hormonal  
 8 Analytes  
 10 <130> FILE REFERENCE: IMIN.P-034  
 12 <140> CURRENT APPLICATION NUMBER: US 09/920,306A  
 13 <141> CURRENT FILING DATE: 2001-08-02  
 15 <160> NUMBER OF SEQ ID NOS: 80  
 17 <170> SOFTWARE: PatentIn version 3.2  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 19  
 21 <212> TYPE: DNA  
 22 <213> ORGANISM: artificial  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Synthetic Peptide  
 27 <400> SEQUENCE: 1  
 28 tttcccagtc acgacgttg  
 31 <210> SEQ ID NO: 2  
 32 <211> LENGTH: 9  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: artificial  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: synthetic peptide  
 39 <400> SEQUENCE: 2  
 41 Ala Ala Glu Arg Gly Leu Phe Glu Asp  
 42 1 5  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 9  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: artificial  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: synthetic peptide  
 53 <400> SEQUENCE: 3  
 55 Thr Ala Trp Thr Tyr Val Leu Gly Phe  
 56 1 5  
 59 <210> SEQ ID NO: 4  
 60 <211> LENGTH: 9  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: artificial  
 64 <220> FEATURE:  
 65 <223> OTHER INFORMATION: synthetic peptide  
 67 <400> SEQUENCE: 4

Does Not Comply  
Corrected Diskette Needed

?  
This is not a  
peptide sequence.

19

## RAW SEQUENCE LISTING

DATE: 10/27/2003

PATENT APPLICATION: US/09/920,306A

TIME: 09:17:05

Input Set : A:\imin34.txt

Output Set: N:\CRF4\10272003\I920306A.raw

69 Thr Ser Trp Ala Tyr Val Leu Gly Pro  
70 1 5  
73 <210> SEQ ID NO: 5  
74 <211> LENGTH: 2  
75 <212> TYPE: PRT  
76 <213> ORGANISM: artificial  
78 <220> FEATURE:  
79 <223> OTHER INFORMATION: synthetic peptide  
81 <400> SEQUENCE: 5  
83 Glu Asp  
84 1  
87 <210> SEQ ID NO: 6  
88 <211> LENGTH: 3  
89 <212> TYPE: PRT  
90 <213> ORGANISM: artificial  
92 <220> FEATURE:  
93 <223> OTHER INFORMATION: synthetic peptide  
95 <400> SEQUENCE: 6  
97 Phe Glu Asp  
98 1  
101 <210> SEQ ID NO: 7  
102 <211> LENGTH: 4  
103 <212> TYPE: PRT  
104 <213> ORGANISM: artificial  
106 <220> FEATURE:  
107 <223> OTHER INFORMATION: synthetic peptide  
109 <400> SEQUENCE: 7  
111 Leu Phe Glu Asp  
112 1  
115 <210> SEQ ID NO: 8  
116 <211> LENGTH: 5  
117 <212> TYPE: PRT  
118 <213> ORGANISM: artificial  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: synthetic peptide  
123 <400> SEQUENCE: 8  
125 Gly Leu Phe Glu Asp  
126 1 5  
129 <210> SEQ ID NO: 9  
130 <211> LENGTH: 6  
131 <212> TYPE: PRT  
132 <213> ORGANISM: artificial  
134 <220> FEATURE:  
135 <223> OTHER INFORMATION: synthetic peptide  
137 <400> SEQUENCE: 9  
139 Arg Gly Leu Phe Glu Asp  
140 1 5  
143 <210> SEQ ID NO: 10  
144 <211> LENGTH: 7

## RAW SEQUENCE LISTING

DATE: 10/27/2003

PATENT APPLICATION: US/09/920,306A

TIME: 09:17:05

Input Set : A:\imin34.txt

Output Set: N:\CRF4\10272003\I920306A.raw

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146 <213> ORGANISM: artificial  
148 <220> FEATURE:  
149 <223> OTHER INFORMATION: synthetic peptide  
151 <400> SEQUENCE: 10  
153 Glu Arg Gly Leu Phe Glu Asp  
154 1 5  
157 <210> SEQ ID NO: 11  
158 <211> LENGTH: 8  
159 <212> TYPE: PRT  
160 <213> ORGANISM: artificial  
162 <220> FEATURE:  
163 <223> OTHER INFORMATION: synthetic peptide  
165 <400> SEQUENCE: 11  
167 Ala Glu Arg Gly Leu Phe Glu Asp  
168 1 5  
171 <210> SEQ ID NO: 12  
172 <211> LENGTH: 9  
173 <212> TYPE: PRT  
174 <213> ORGANISM: artificial  
176 <220> FEATURE:  
177 <223> OTHER INFORMATION: synthetic peptide  
179 <400> SEQUENCE: 12  
181 Gly Ala Glu Arg Gly Leu Phe Glu Asp  
182 1 5  
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186 <211> LENGTH: 9  
187 <212> TYPE: PRT  
188 <213> ORGANISM: artificial  
190 <220> FEATURE:  
191 <223> OTHER INFORMATION: synthetic peptide  
193 <400> SEQUENCE: 13  
195 Ala Gly Glu Arg Gly Leu Phe Glu Asp  
196 1 5  
199 <210> SEQ ID NO: 14  
200 <211> LENGTH: 9  
201 <212> TYPE: PRT  
202 <213> ORGANISM: artificial  
204 <220> FEATURE:  
205 <223> OTHER INFORMATION: synthetic peptide  
207 <400> SEQUENCE: 14  
209 Ala Ala Ala Arg Gly Leu Phe Glu Asp  
210 1 5  
213 <210> SEQ ID NO: 15  
214 <211> LENGTH: 9  
215 <212> TYPE: PRT  
216 <213> ORGANISM: artificial  
218 <220> FEATURE:  
219 <223> OTHER INFORMATION: synthetic peptide

## RAW SEQUENCE LISTING

DATE: 10/27/2003

PATENT APPLICATION: US/09/920,306A

TIME: 09:17:05

Input Set : A:\imin34.txt

Output Set: N:\CRF4\10272003\I920306A.raw

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223 Ala Ala Glu Ala Gly Leu Phe Glu Asp  
224 1 5  
227 <210> SEQ ID NO: 16  
228 <211> LENGTH: 9  
229 <212> TYPE: PRT  
230 <213> ORGANISM: artificial  
232 <220> FEATURE:  
233 <223> OTHER INFORMATION: synthetic peptide  
235 <400> SEQUENCE: 16  
237 Ala Ala Glu Arg Ala Leu Phe Glu Asp  
238 1 5  
241 <210> SEQ ID NO: 17  
242 <211> LENGTH: 9  
243 <212> TYPE: PRT  
244 <213> ORGANISM: artificial  
246 <220> FEATURE:  
247 <223> OTHER INFORMATION: synthetic peptide  
249 <400> SEQUENCE: 17  
251 Ala Ala Glu Arg Gly Ala Phe Glu Asp  
252 1 5  
255 <210> SEQ ID NO: 18  
256 <211> LENGTH: 5  
257 <212> TYPE: PRT  
258 <213> ORGANISM: artificial  
260 <220> FEATURE:  
261 <223> OTHER INFORMATION: synthetic peptide  
263 <400> SEQUENCE: 18  
265 Gly Phe Phe Glu Asp  
266 1 5  
269 <210> SEQ ID NO: 19  
270 <211> LENGTH: 5  
271 <212> TYPE: PRT  
272 <213> ORGANISM: artificial  
274 <220> FEATURE:  
275 <223> OTHER INFORMATION: synthetic peptide  
277 <400> SEQUENCE: 19  
279 Gly Trp Phe Glu Asp  
280 1 5  
283 <210> SEQ ID NO: 20  
284 <211> LENGTH: 5  
285 <212> TYPE: PRT  
286 <213> ORGANISM: artificial  
288 <220> FEATURE:  
289 <223> OTHER INFORMATION: synthetic peptide  
291 <400> SEQUENCE: 20  
293 Gly Tyr Phe Glu Asp  
294 1 5  
297 <210> SEQ ID NO: 21

## RAW SEQUENCE LISTING

DATE: 10/27/2003

PATENT APPLICATION: US/09/920,306A

TIME: 09:17:05

Input Set : A:\imin34.txt

Output Set: N:\CRF4\10272003\I920306A.raw

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299 <212> TYPE: PRT  
300 <213> ORGANISM: artificial  
302 <220> FEATURE:  
303 <223> OTHER INFORMATION: synthetic peptide  
305 <400> SEQUENCE: 21  
307 Gly Leu Trp Glu Asp  
308 1 5  
311 <210> SEQ ID NO: 22  
312 <211> LENGTH: 5  
313 <212> TYPE: PRT  
314 <213> ORGANISM: artificial  
316 <220> FEATURE:  
317 <223> OTHER INFORMATION: synthetic peptide  
319 <400> SEQUENCE: 22  
321 Gly Leu Phe Cys Asp  
322 1 5  
325 <210> SEQ ID NO: 23  
326 <211> LENGTH: 5  
327 <212> TYPE: PRT  
328 <213> ORGANISM: artificial  
330 <220> FEATURE:  
331 <223> OTHER INFORMATION: synthetic peptide  
333 <400> SEQUENCE: 23  
335 Gly Leu Phe Asp Asp  
336 1 5  
339 <210> SEQ ID NO: 24  
340 <211> LENGTH: 5  
341 <212> TYPE: PRT  
342 <213> ORGANISM: artificial  
344 <220> FEATURE:  
345 <223> OTHER INFORMATION: synthetic peptide  
347 <400> SEQUENCE: 24  
349 Gly Leu Phe Phe Asp  
350 1 5  
353 <210> SEQ ID NO: 25  
354 <211> LENGTH: 5  
355 <212> TYPE: PRT  
356 <213> ORGANISM: artificial  
358 <220> FEATURE:  
359 <223> OTHER INFORMATION: synthetic peptide  
361 <400> SEQUENCE: 25  
363 Gly Leu Phe Ile Asp  
364 1 5  
367 <210> SEQ ID NO: 26  
368 <211> LENGTH: 5  
369 <212> TYPE: PRT  
370 <213> ORGANISM: artificial  
372 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/920,306A

DATE: 10/27/2003  
TIME: 09:17:06

Input Set : A:\imin34.txt  
Output Set: N:\CRF4\10272003\I920306A.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27  
Seq#:28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51  
Seq#:52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75  
Seq#:76,77,78,79,80

**VERIFICATION SUMMARY**

DATE: 10/27/2003

PATENT APPLICATION: US/09/920,306A

TIME: 09:17:06

Input Set : A:\imin34.txt

Output Set: N:\CRF4\10272003\I920306A.raw